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Attorney Docket No.

Patent 95 005950-746

## E UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Application No.: 10/059,381

Dennis J. O'Rear et al.

Filing Date:

January 31, 2002

Group Art Unit: 7164

Examiner: Hguyen, Tam M.

Confirmation No.: 7484

Title: UPGRADING FISCHER-TROPSCH AND PETROLEUM-DERIVED NAPHTHAS AND DISTLLATES

## SECOND INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Ålexandria, VA 22313-1450

Sir:			
	Enclosed is a SECOND  1449 for the above-identified patent a		sclosure Statement and accompanying form
	☐ No additional fee for submission	of an IDS is req	juired.
<i>.</i>	The fee of \$180.00 (1806) as se		•
į	☐ A statement under 37 C.F.R. § 1		<del>-</del>
	A statement under 37 C.F.R. § 1 § 1.17(p) are also enclosed.	.97(e), and the t	fee of \$180.00 (1806) as set forth in 37 C.F.R
	☑ Charge <u>\$180.00</u> to Deposit	Account No. 02	2-4800 for the fee due.
l	A check in the amount of	is enclo	sed for the fee due.
	☐ Charge to credit	card. Form PT	O-2038 is attached.
1.21			ropriate fees under 37 C.F.R. §§ 1.16, 1.17 and overpayment, to Deposit Account No. 02-4800.
		Res	pectfully submitted,
		BUF	RNS, DOANE, SWECKER & MATHIS, L.L.P.
Alexa	Box 1404 andria, Virginia 22313-1404 836-6620	Ву	Melissa M. Hayworth
Date:	June 10, 2004		Registration No. 45 774

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Dennis J. O'Rear et al.

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For: UPGRADING FISCHER-TROPSCH

AND PETROLEUM-DERIVED NAPHTHAS AND DISTLLATES

Group Art Unit: 7164

Examiner:

Confirmation No.: 7484

### SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

A fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

Second Information Disclosure Statement Application No. 10/059,381 Attorney's Docket No. 005950-746 Page 2

To assist the Examiner, the document is / documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date <u>June 10, 2004</u>

By:

Melissa M. Hayworth Registration No. 45,744

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620 Substitute for form 1449A/PTO & 1449B/PTO

# SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/059,381

Filing Date January 31, 2002

First Named Inventor Dennis J. O'Rear et al.

Examiner Name Nguyen, Tam M.

Attorney Docket Number 005950-746

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3,540,997       F.K. Hahn et al.       11-17-1970         4,041,096       Kuo       08-09-1977         4,111,792       Caesar et al.       09-05-1978         4,252,096       Kennedy       02-24-1981         4,252,736       Haag et al.       02-24-1981         4,365,820       Rush       12-28-1982         4,605,680       Beuther et al.       08-12-1986         4,795,549       Coughlin et al.       01-03-1989         4,851,109       Chen et al.       07-25-1989         4,911,822       Franck et al.       03-27-1990         5,562,817       Mon et al.       10-08-1996         5,770,042       Galperin et al.       06-23-1998         5,882,505       Wittenbrink et al.       03-16-1999         6,180,842       Berlowitz et al.       01-30-2001         6,309,432       Wittenbrink et al.       01-30-2001         6,392,109       O'Rear et al.       05-21-2002         6,583,186       Moore, Jr.       06-24-2003	JUN 1 0 ZOUN W	U.S. PATENT DOCUMENTS			
4,041,096       Kuo       08-09-1977         4,111,792       Caesar et al.       09-05-1978         4,252,096       Kennedy       02-24-1981         4,252,736       Haag et al.       02-24-1981         4,365,820       Rush       12-28-1982         4,605,680       Beuther et al.       08-12-1986         4,795,549       Coughlin et al.       01-03-1989         4,851,109       Chen et al.       07-25-1989         4,911,822       Franck et al.       03-27-1990         5,562,817       Mon et al.       10-08-1996         5,770,042       Galperin et al.       06-23-1998         5,882,505       Wittenbrink et al.       03-16-1999         6,180,842       Berlowitz et al.       01-30-2001         6,309,432       Wittenbrink et al.       10-30-2001         6,392,109       O'Rear et al.       05-21-2002         6,583,186       Moore, Jr.       06-24-2003	77			Issue/Publication Date (MM-DD-YYYY)	
4,111,792       Caesar et al.       09-05-1978         4,252,096       Kennedy       02-24-1981         4,252,736       Haag et al.       02-24-1981         4,365,820       Rush       12-28-1982         4,605,680       Beuther et al.       08-12-1986         4,795,549       Coughlin et al.       01-03-1989         4,851,109       Chen et al.       07-25-1989         4,911,822       Franck et al.       03-27-1990         5,562,817       Mon et al.       10-08-1996         5,770,042       Galperin et al.       06-23-1998         5,882,505       Wittenbrink et al.       03-16-1999         6,180,842       Berlowitz et al.       01-30-2001         6,309,432       Wittenbrink et al.       10-30-2001         6,392,109       O'Rear et al.       05-21-2002         6,583,186       Moore, Jr.       06-24-2003	3,540,997		F.K. Hahn et al.	11-17-1970	
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6,309,432       Wittenbrink et al.       10-30-2001         6,392,109       O'Rear et al.       05-21-2002         6,583,186       Moore, Jr.       06-24-2003	6,180,842		Berlowitz et al.		
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6,583,186 Moore, Jr. 06-24-2003	6,392,109		O'Rear et al.	05-21-2002	
	6,583,186		Moore, Jr.	06-24-2003	
4,673,487   Miller   06-16-1987	4,673,487		Miller	06-16-1987	

			FOREIGN PATENT DOCUM	ENTS		
Examiner	Document	Kind Code	Country	Date of Publication	Translation	
Initials	Number	(if known)	- Country	(MM-DD-YYYY)	Yes	No
	2388611		United Kingdom	11-19-2003		
	805111		United Kingdom	11-26-1958		
	0583836		Europe	02-23-1994		<u> </u>
	0183406		PCT	11-08-2001		
	02102749		PCT	12-27-2002		

	NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	UK Search Report dated July 25, 2003				
	UK Search Report dated February 26, 2004				
	UK Search Report dated March 1, 2004				
	PCT Written Opinion dated February 20, 2004				

Examiner		Date
Signature		Considered
*EVABAILIED	1-14-115-5	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.